## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6522	(proton or polymer)(exchange or electrolyte) membrane	US-PGPUB; USPAT	ADJ	ON	2006/10/04 13:39
L2	3874	(cationic monomer or quaternary salt) same (acrylic or methacrylic or acrylate or methacrylate or quaternary ammonium or trimethyl ammonium ethyl acrylate or dimethylammonium ethylmethacrylate)	US-PGPUB; USPAT	ADJ	ON	2006/10/04 13:44
L3	4	1 and 2	US-PGPUB; USPAT	ADJ	ON	2006/10/04 13:44
L4	6153	(quaternary ammonium) same (pyridinium or pyridazinium or pyrimidinium or pyrazinium or imidazolium or pyrazolium or thiazolium or oxazolium or triazolium)	US-PGPUB; USPAT	ADJ	ON	2006/10/04 13:46
L5	18	1 and 4	US-PGPUB; USPAT	ADJ	ON	2006/10/04 13:47
L6	21	3 or 5	US-PGPUB; USPAT	ADJ	ON	2006/10/04 13:47
<b>L7</b>	7194139	@pd<"20021104"	US-PGPUB; USPAT	ADJ	ON	2006/10/04 13:48
L8	2	6 and 7	US-PGPUB; USPAT	ADJ	ON	2006/10/04 14:04
L9	6874	perfluorosulfonic acid or perfluorinated sulfonic acid or Nafion	US-PGPUB; USPAT	ADJ	ON	2006/10/04 14:05
L10	9721	2 or 4	US-PGPUB; USPAT	ADJ	ON	2006/10/04 14:05
L11	1	9 same 10	US-PGPUB; USPAT	ADJ	ON	2006/10/04 14:06
L12	54	9 and 10	US-PGPUB; USPAT	ADJ	ON	2006/10/04 15:05
L13	789	521/27.ccls.	US-PGPUB; USPAT	ADJ	ON	2006/10/04 15:05
L14	483	7 and 13	US-PGPUB; USPAT	ADJ .	ON	2006/10/04 15:06
L15	94914	quaternary near3 (salt or ammonium or monomer)	US-PGPUB; USPAT	ADJ	ON	2006/10/04 15:07
L16	109	14 and 15	US-PGPUB; USPAT	ADJ	ON	2006/10/04 15:07
L17	259447	polymerize or polymerization	US-PGPUB; USPAT	ADJ	ON	2006/10/04 15:08
L18	69	16 and 17	US-PGPUB; USPAT	ADJ	ON	2006/10/04 15:08